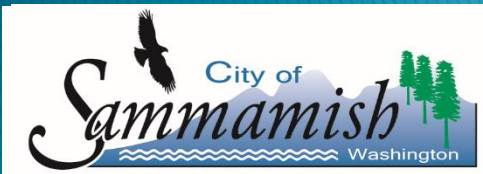


# E. Beaver Lake Dr–Way SE

## Neighborhood Traffic Management Program (NTMP) Project

May 25, 2016



# Neighborhood Traffic Management Program (NTMP) Goals

- Promote citizen involvement
- Reduce speed and impacts of traffic
- Promote motorized and non-motorized traffic safety
- Use resources efficiently
- Support City transportation policies

# NTMP Process – Phase I

## Education, Public Awareness, Enforcement, Passive Measures

- Neighborhood Speed Watch
- Traffic Trailer
- Neighborhood Traffic Safety Campaign
- Trim landscaping to improve sight distance
- Install Pavement Markings
- Install Speed Control Signs
- Targeted Enforcement

# NTMP Process – Phase II

- ▶ Install physical traffic calming devices
  - Traffic circles
  - Sidewalk curb extensions
  - Raised intersections
  - Medians
  - Sidewalks / paths separated from roadway
  - Landscaping

# Planning and Implementation Process\*

1. Meet with neighborhood residents
2. Conduct field assessment and study
3. If warranted, develop and implement Phase 1 passive measures
4. If Phase 1 ineffective, conduct traffic speed/volume study
5. If warranted, work with residents group to develop Phase II draft plan

\* Subject to Council approval and available funding

# Planning and Implementation Process (cont)

6. Hold public meeting to gather input
7. Neighborhood circulates petition – requires 60% approval by project impacted property owners
8. Design and construct Phase II improvements
9. Monitor results



# E. Beaver Lake Dr-Way SE Traffic Speed/Volume Study (Sept. 2015)

**E Beaver Lake Dr - Way Traffic Study Results**

	Speed/Volume Study Locations				
	(#1) E Beaver Lake Dr SE S/O SE 31st Pl	(#2) E Beaver Lake Dr SE N/O SE 30th St	(#3) E Beaver Lake Way SE W/O 258th Pl SE	(#4) E Beaver Lake Way SE (between SE 25th Way & 259th Pl SE)	(#5) E Beaver Lake Way SE (between SE 23rd Pl and SE 22nd Pl)
ADT (vpd)	2470	1560	1280	1030	670
AM Peak	7-8 AM	7-8 AM	7-8 AM	7-8 AM	7-8 AM
PM Peak	5-6 PM	5-6 PM	5-6 PM	5-6 PM	4-5 PM
85th-Percentile Speed (mph)	37 (NB = 36, SB = 37)	33 (NB = 33, SB = 34)	34 (EB = 35, WB = 34)	35 (NB = 35, SB = 35)	32 (NB = 32, SB = 32)
Average Speed (mph)	33	30	30	30	27
ADT > 25mph	96%	88%	89%	80%	66%
ADT > 35mph	24%	5%	10%	15%	4%
Time(s) Most Speeding Occurs	8-9 AM, 5-6 PM	8-9 AM, 4-5 PM	8-9 AM, 12-1 PM, 5-6 PM	6-7 AM, 12-1 PM, 2-4 PM, 5-6 PM	6-7 AM, 2-3 PM



# NTMP Desires From Neighborhood Representatives

- Promote resident involvement
- Reduce traffic speed and impacts
- Promote motorized and non-motorized traffic safety
- Preserve existing neighborhood characteristics
- Minimize traffic diversion and adverse impacts



# E. Beaver Lake Dr-Way SE NTMP Proposed Project Plan



1. Install traffic curbs on east shoulders. Install planter strips where feasible.

2. Install traffic curbs and 5 ft new pavement on east shoulders.

3. Install landscaped traffic circle. Install traffic curbs at northwest and southwest corners of SE 30th St intersection.

4. Trim trees and bushes on eastside for sight distance. Install traffic curbs and new pavement where feasible.

5. Install speed radar sign for northbound traffic.

6. Install speed limit sign and "25 MPH" pavement marking for southbound traffic.

7. Install speed limit sign and "25 MPH" pavement marking for northbound traffic.

8. Improve sight distance, signage, and pavement marking.

Install 8 inch white fogline through project limit to delineate 20 ft travel lane (southbound & northbound).

# Next Steps & Project Schedule\*

- ▶ Modify Project Plan with Public Input: June, 2016
- ▶ Petition Approvals for Project Design & Construction: July, 2016
- ▶ Project Design: August/September, 2016
- ▶ Project Construction: Fall 2016
- ▶ Project website:  
<https://www.sammamish.us/departments/publicworks/projects/TrafficProjects.aspx>

\* Subject to council approval and available funding